



MICRO FILED	REVISIONS				
	ZONE	LTR	DESCRIPTION	DATE	APPROVED
X					

	5/8 - 11	STL	
	094 DIA X .38 LG	STL	
		STL	
		WELDMENT	
		STL	
		STL	
CONE POINT	190-32 X .38 LG.	STL	
UT 9/8-	090410082850251	ASME B16.10	
		STL	
TURE PTA	CODE IDENT	PART OR IDENTIFYING NO	MATERIAL OR NOTES

NOTES

1. MARK AS SPECIFIED IN LOCATION SHOWN WITH 1/8" 3/16 HIGH FIGURES, THE FOLLOWING:
 - a) THE NAME "ALLISON" FOLLOWED BY THE TOOL NUMBER AND LAST CHANGE LETTER.
 - b) VENDOR NAME OR TRADEMARK

**2. BLACK OXIDE PER AMS 2485
ITEMS 1, 4, 5, 6, 7 & 8**

3. BREAK SHARP EDGES 020 112 5



These tool drawings are furnished in accord with the terms of the DSA Tools Release Agreement. The aperture cards or drawings are to be maintained in the custody of the recipient and shall not be disclosed to any third party without specific written consent of Detroit Diesel.

GEOMETRIC CHARACTERISTIC SYMBOLS		UNLESS OTHERWISE SPECIFIED TOL. ON ANGLES $\pm 1^\circ$ TOL. ON 3 PLACE DECIMALS $\pm .010$ TOL. ON 2 PLACE DECIMALS $\pm .02$		APPROVALS DRWNSH. APPROVED BY DATE CNC DRWNSH. APPROVED BY DATE CNC DR. APPROVED BY DATE MILLING APPROVED BY DATE		GENERAL INSTRUCTIONS		SPEC. SUMMARY	
<input checked="" type="checkbox"/> PLATNESS <input type="checkbox"/> STRAIGHTNESS <input type="checkbox"/> FLATNESS <input type="checkbox"/> CYLINDRICITY <input type="checkbox"/> PROFILE OF A LINE <input type="checkbox"/> PROFILE OF A SURFACE		<input type="checkbox"/> POSITIONAL TOLERANCE <input type="checkbox"/> PARALLELISM <input type="checkbox"/> SIMILARITY <input type="checkbox"/> LENGTH <input type="checkbox"/> TRUE POSITION <input type="checkbox"/> COINCIDENCE		<input type="checkbox"/> OR 3000 (MAX. MATT.) <input type="checkbox"/> CONTOUR <input type="checkbox"/> OR 0.05 (MAXIMUM OF FEATURES 0.001) <input type="checkbox"/> SAME SIZE <input type="checkbox"/> COINCIDENCE <input type="checkbox"/> DIAMETER <input type="checkbox"/> DATUM HEIGHT					
		SEE ITEM							
		HEAT TREAT. AND HARDNESS SEE ITEM							
		SURFACE TREAT. NOTED		INSPECTION					
UNLESS OTHERWISE SPECIFIED: ALL TRUE POSITION TOLERANCES ARE RELATED DATUM MMC. ALL OTHER FORM AND POSITION TOLERANCES AND RELATED DATUMS ARE SEPARATELY TRUE POSITION CALLOUTS MAY BE BASED SEPARATELY REGARDLESS OF DATUM REFERENCE. RUNOUTS ARE CIRCULAR.									

EACH ITEM PURCHASED SEPARATELY
MUST BE STAMPED OR ETOCHED WITH
TOOL NUMBER AND DETAIL NUMBER.
IF SUITABLE OR SUFFICIENT AREA
NOT AVAILABLE, ATTACH TAG.

USED ON ENGINE MODELS
850 SERIES

**USED ON ENGINE MODELS
250 SERIES**

FOR REFERENCE ONLY
NOT FOR PRODUCTION

OBSOLETE